



---

**UNITED STATES PATENT AND TRADEMARK OFFICE**

---

P.O. Box 1450, Alexandria, Virginia 22313-1450 – [www.USPTO.GOV](http://www.USPTO.GOV)

## Examiner's Detailed Office Action

1. Claims 1, 3, 27, 37 28-33, 35, 36 & 38-40 have been canceled.
2. Claims 2, 4-26 & 34 are allowed.

### REASONS FOR ALLOWANCE

3. The following is an Examiner's statement for reasons for allowance:
4. Claims 2, 4-26 & 34 are considered allowable since when reading the claims in light of the specification, none of the references of record alone or in combination disclose or suggest the combination of limitations specified in the independent claim(s).
5. The limitations recited in independent claim 2 "A computer implemented method of analyzing results of a predictive model applied to a data pertaining to a plurality of entities, the method comprising: providing a predictive model for scoring the entities; displaying a rank ordering at least some of the entities according to their scores; and for each of the displayed entities, providing a hyperlink to a report tree containing a plurality of hyperlinked reports, including at least one summary report providing a quantitative summary of data contributing to a reason the entity is included in the rank ordered listing; wherein the report tree contains a

plurality of reports comprising: a suspect list of entities identified by the predictive model; a breakdown report of each entity's activity by a selected categorization of the entity's activity, the breakdown report linked to the entity in the suspect list; a distribution chart linked from the breakdown comparing activity of the entity to activity of the entity's peers; a first subset report linked to the breakdown report showing the breakdown of the entity's activity by at least one of age or gender of other entities which interact with the entity; a second subset report linked to the first distribution report showing the breakdown of the entity's activity by at least one of age or gender of other entities which interact with the entity; a tabular report, linked to at least one of the breakdown report, the distribution chart, the first subset report or the second subset report, showing activity of the entity, with respect to a selected categorization of the entity's activity; an interacting entity summary report linked to the breakdown report showing a summary of activities of the entity with respect to each other entity which interacts with the entity; a comparison report linked to at least one of the previous reports, comparing activity of the entity for at least one other entity with activity of the entity's peers for the same at least one other entity; and a report linked to at least one previous report, providing a listing of individual activities of an entity with respect to a selected categorization of the entity's activities."

6. The limitations recited in independent claim 5 "A computer implemented system for analyzing results of a predictive model applied to a data pertaining to a plurality of entities, the method comprising: providing a predictive model for scoring the entities; displaying a rank ordering at least some of the entities according to their scores, and for each of the displayed entities, providing a hyperlink to a report tree containing a plurality of hyperlinked reports, including at least one summary report providing a quantitative summary of data contributing

to a reason the entity is included in the rank ordered listing; wherein the report tree contains a plurality of reports comprising: a suspect list report including a plurality of entities scored by the predictive model; at least one entity-based report, linked to an individual entity in the suspect list, and providing a comparison of the individual entity's activity with respect to activity of the entity's peers; at least one entity-subset report, linked an entity-based report, and providing a breakdown of the entity's activity by a selected category; at least one entity to other entity report, linked to an entity-based report, and providing a breakdown of an entity's activity with respect to each other entity which interacts with the entity; and at least one detail report, linked to at least one previous report, and providing a listing of activities that pertain to the report to which the detail report is linked."

7. The limitations recited in independent claim 10 "A computer implemented system for analyzing results of a predictive model applied to a data pertaining to a plurality of entities, the method comprising: providing a predictive model for scoring the entities; displaying a rank ordering at least some of the entities according to their scores, and for each of the displayed entities, providing a hyperlink to a report tree containing a plurality of hyperlinked reports, including at least one summary report providing a quantitative summary of data contributing to a reason the entity is included in the rank ordered listing; wherein the entities are healthcare entities and the predictive model is for identifying suspicious healthcare entities from data including healthcare procedure reimbursement transactions associated with the entities; and wherein the healthcare entities are selected from a set consisting of: healthcare providers, patients, claims processors, doctors, hospitals, nursing facilities, practice ,groups, laboratories, and pharmacies, and interacting combinations of any of the foregoing entities."

8. The limitations recited in independent claim 34 “A computer implemented method of analyzing results of a predictive model applied to a data set pertaining to transactions of a plurality of entities, the method comprising: executing a predictive model on the data set to select from the entities, a suspect list containing a plurality of suspects, the suspects rank ordered according to their predictive model scores, each suspect associated with a list of reasons generated by the predictive model for including the suspect in the suspect list, the reasons for each suspect rank ordered by their influence on the suspect’s predictive model score, the reasons selected from a predetermined set of reasons; for each reason, providing a hyperlink to a report tree comprising a plurality of predetermined hyperlinked reports, arranged by their hyperlinks to provide access from the reason in the suspect list to at least one summary report providing a summary analysis of data related to the reason and the suspect, at least one summary report hyperlinked directly or indirectly to at least one detail report containing a list of specific transactions which contribute to the inclusion of the suspect in the suspect list; receiving a user input selecting for one a suspect from the suspect list a hyperlinked reason in the list of reasons associated with the suspect, and in response, generating from the report tree for the selected reason, a summary report providing the summary analysis of the transactions related to the selected reason and suspect; and responsive to user input selecting a hyperlink to one of the detail reports, generating the selected detailed report from the transactions associated with suspect.”

9. When taken in context the claim(s) as a whole, were not uncovered in the prior art. Moreover, the dependent claims are allowed as they depend upon an allowable independent claim(s).

10. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments regarding Statement of Reasons for Allowance."

### Correspondence Information

11. Any inquiries concerning this communication or earlier communications from the examiner should be directed to Michael B. Holmes, who may be reached Monday through Thursday, between 8:00 a.m. and 6:00 p.m. EST. or via telephone at (571) 272-3686 or facsimile transmission (571) 273-3686 or email [michael.holmesb@uspto.gov](mailto:michael.holmesb@uspto.gov).

If you need to send an Official facsimile transmission, please send it to (571) 273-8300.

If attempts to reach the examiner are unsuccessful the Examiner's Supervisor, David Vincent, may be reached at (571) 272-3080.

Hand-delivered responses should be delivered to the Receptionist @ (Customer Service Window Randolph Building 401 Dulany Street, Alexandria, VA 22313), located on the first floor of the south side of the Randolph Building.

Finally, information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Moreover, status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have any questions on access to the Private PAIR system, contact the Electronic Business Center (EBC)

Art Unit: 2129

toll-free @ 1-866-217-9197.

***Michael B. Holmes***

Primary Examiner

Artificial Intelligence

Art Unit 2129

United States Department of Commerce

Patent & Trademark Office

*Thursday, June 19, 2008*

*MBH*

*/Michael B. Holmes/*

*Primary Examiner, Art Unit 2129*